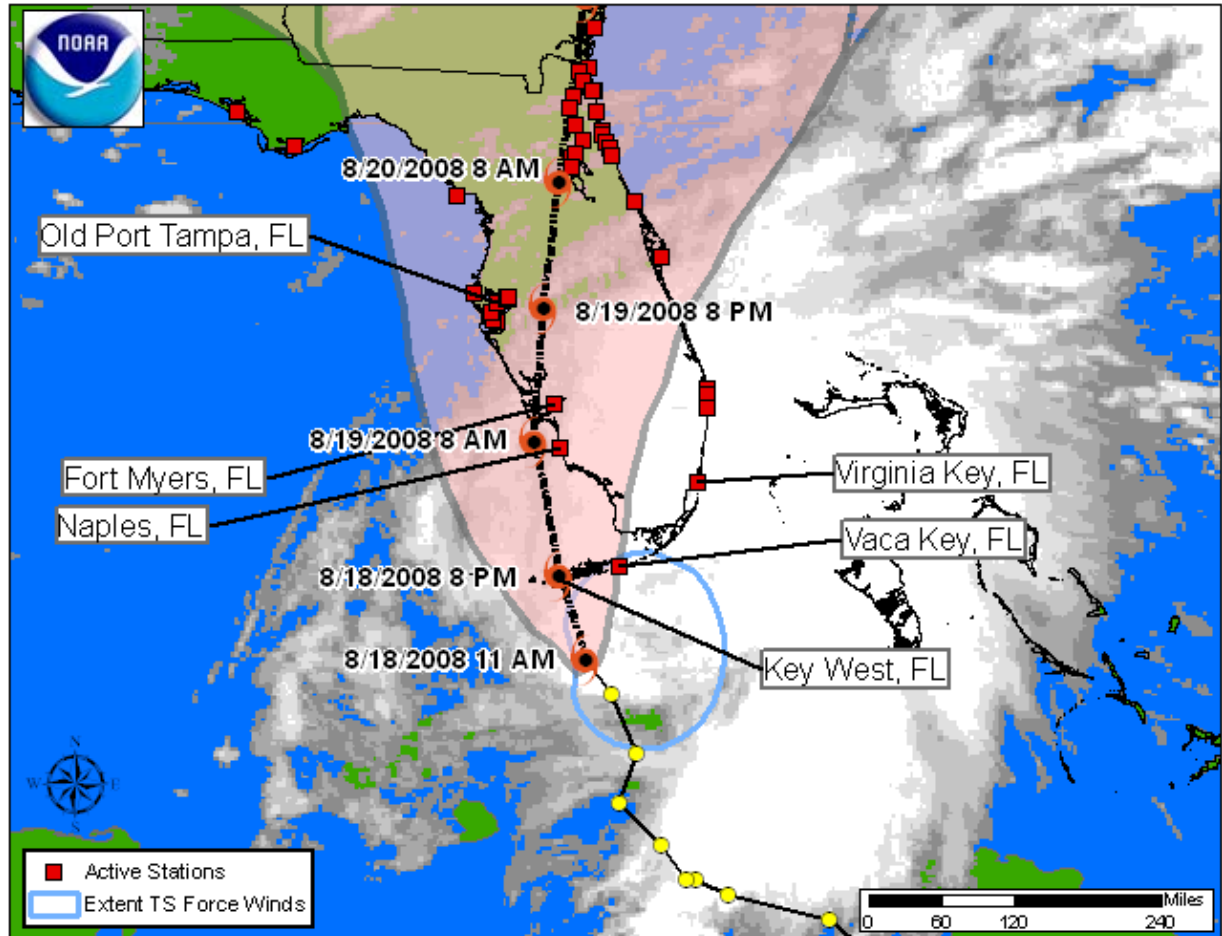




Tropical Storm FAY QuickLook  
Posted: 12:00 EDT 08/18/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/18/2008 12:00 EDT, water levels along southern Florida are rising and are up to 0.5 ft above predicted in some areas in the Florida Keys. Wind gusts are up to 25 knots in the Florida Keys. Barometric pressure continues to fall across southern Florida.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Key West, FL: Next predicted high tide is 1.7 ft (0.52 m) at 08/18/2008 00:03 EDT.

Vaca Key, FL: Next predicted high tide is 1.20 ft (0.36 m) at 08/18/2008 15:45 EDT.

Naples, FL: Next predicted high tide is 3.24 ft (0.99 m) at 08/18/2008 13:42 EDT.

Fort Myers, FL: Next predicted high tide is 1.63 ft (0.50 m) at 08/18/2008 17:30 EDT.

Old Port Tampa, FL: Next predicted high tide is 2.87 ft (0.87 m) at 08/18/2008 16:09 EDT.

Virginia Key, FL: Next predicted high tide is 2.4 ft (0.73 m) at 08/18/2008 23:02 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: TB

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**TROPICAL STORM FAY ADVISORY NUMBER 12  
1100 AM EDT MON AUG 18 2008**

**...CENTER OF FAY NOW OVER THE FLORIDA STRAITS...HURRICANE WARNING  
FOR THE COAST OF SOUTHWESTERN FLORIDA...**

**AT 11 AM EDT A HURRICANE WARNING IS IN EFFECT FOR THE  
SOUTHWESTERN COAST OF FLORIDA FROM FLAMINGO TO ANNA MARIA ISLAND.  
A HURRICANE WARNING MEANS THAT HURRICANE CONDITIONS ARE EXPECTED  
WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS. PREPARATIONS TO  
PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION.**

**AT 11 AM EDT THE TROPICAL STORM WARNING ALONG THE FLORIDA EAST  
COAST IS EXTENDED NORTHWARD TO COCOA BEACH. A TROPICAL STORM  
WARNING IS IN EFFECT ALONG THE FLORIDA EAST COAST FROM COCOA BEACH  
SOUTHWARD AND ALONG THE FLORIDA WEST COAST EAST OF FLAMINGO  
INCLUDING LAKE OKEECHOBEE.**

**A TROPICAL STORM WARNING AND A HURRICANE WATCH ARE IN EFFECT FOR THE  
FLORIDA KEYS FROM OCEAN REEF TO KEY WEST INCLUDING THE DRY  
TORTUGAS AND FLORIDA BAY. A HURRICANE WATCH REMAINS IN EFFECT FOR  
THE FLORIDA MAINLAND EAST OF FLAMINGO TO CARD SOUND BRIDGE AND  
ALONG THE FLORIDA WEST COAST NORTH OF ANNA MARIA TO TARPON SPRINGS.**

**AT 11 AM EDT A TROPICAL STORM WATCH IS IN EFFECT ALONG  
THE FLORIDA EAST COAST NORTH OF COCOA BEACH TO FERNANDINA BEACH.**

**A TROPICAL STORM WATCH IS IN EFFECT FOR THE NORTHWESTERN BAHAMAS.**

**INTERESTS ELSEWHERE IN THE FLORIDA PENINSULA AND THE EASTERN GULF OF  
MEXICO SHOULD MONITOR THE PROGRESS OF FAY.**

**AT 1100 AM EDT THE CENTER OF TROPICAL STORM FAY WAS  
LOCATED ABOUT 70 MILES SOUTH-SOUTHEAST OF KEY WEST FLORIDA AND ABOUT 65  
MILES EAST-NORTHEAST OF HAVANA CUBA.**

**FAY IS MOVING TOWARD THE NORTH-NORTHWEST NEAR 13 MPH. A TURN TOWARD THE NORTH WITH A SLOWER FORWARD SPEED IS EXPECTED LATER TODAY AND TONIGHT WITH A GENERALLY NORTHWARD MOTION EXPECTED ON TUESDAY. ON THE FORECAST TRACK THE CENTER OF FAY SHOULD BE NEAR THE FLORIDA KEYS THIS AFTERNOON OR TONIGHT AND NEAR THE SOUTHWEST COAST OF THE FLORIDA PENINSULA ON TUESDAY.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH. WITH HIGHER GUSTS. SOME STRENGTHENING IS FORECAST DURING THE NEXT 24 HOURS AND FAY IS FORECAST TO BECOME A HURRICANE AS IT NEARS THE SOUTHWESTERN FLORIDA COAST ON TUESDAY.**

**TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 115 MILES FROM THE CENTER.**

**THE MINIMUM CENTRAL PRESSURE JUST REPORTED BY AN AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT IS 1003 MB.**

**STORM TIDES OF 3 TO 5 FEET ABOVE NORMAL ARE POSSIBLE ALONG THE SOUTHWESTERN COAST OF FLORIDA NEAR THE CENTER OF FAY. TIDES OF 2 TO 4 FT ABOVE NORMAL ARE POSSIBLE IN THE FLORIDA KEYS.**

**HEAVY RAINS ARE EXPECTED TO SPREAD ACROSS SOUTH FLORIDA TODAY. STORM TOTAL AMOUNTS OF 4 TO 8 INCHES...WITH MAXIMUM AMOUNTS OF 10 INCHES ARE POSSIBLE FOR THE FLORIDA KEYS AND SOUTH FLORIDA.**

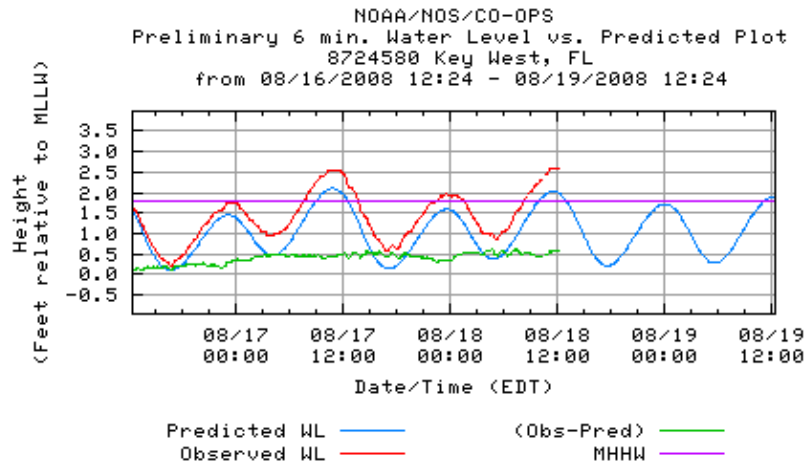
**ISOLATED TORNADOES ARE POSSIBLE TODAY OVER THE FLORIDA KEYS AND THE SOUTHERN FLORIDA PENINSULA.**

**FORECASTER BEVEN/BROWN**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Air/Water Temp](#), [Key West - Winds](#), [Key West - Barometric](#), [Vaca Key - Water Level](#), [Vaca Key - Air/Water Temp](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#), [Naples - Water Level](#), [Naples - Air/Water Temp](#), [Naples - Winds](#), [Naples - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Air/Water Temp](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Virginia Key - Water Level](#),

**Key West, FL - Station Map** [Return to List](#)

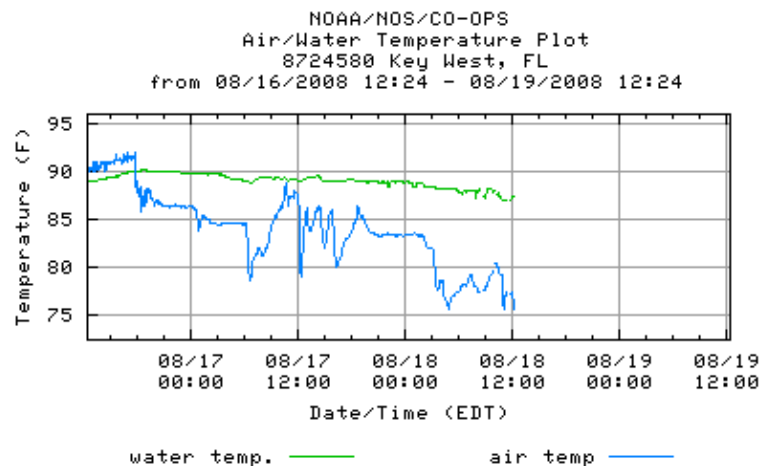


Last Observed Sample: 08/18/2008 12:12 (EDT)

Relative to **MLLW**: **Observed: 2.57 ft. Predicted: 1.98 ft. Residual: 0.59 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

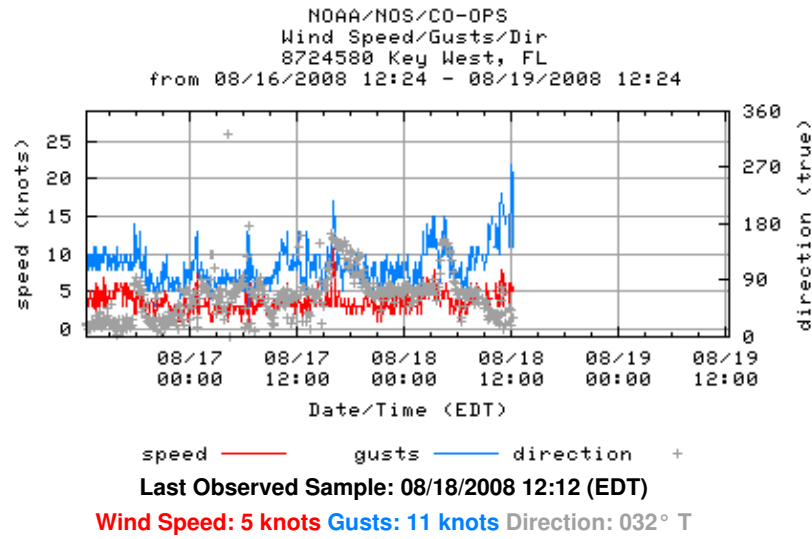
**Key West, FL - Station Map** [Return to List](#)



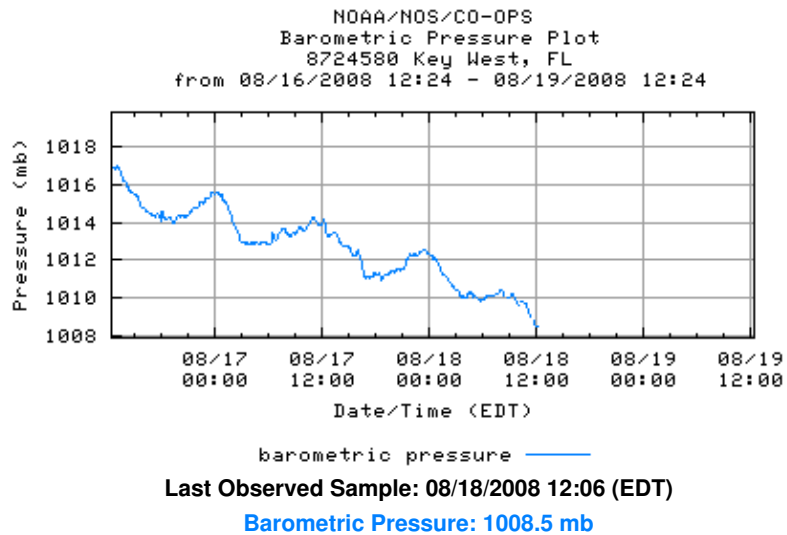
Last Observed Sample: 08/18/2008 12:12 (EDT)

**Water Temperature: 87.4° F Air Temperature: 75.7° F**

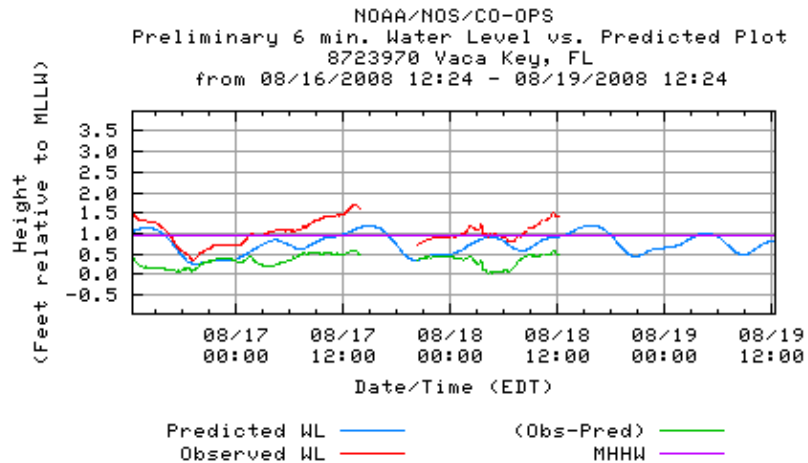
**Key West, FL - Station Map** [Return to List](#)



**Key West, FL - Station Map** [Return to List](#)



**Vaca Key, FL - Station Map** [Return to List](#)

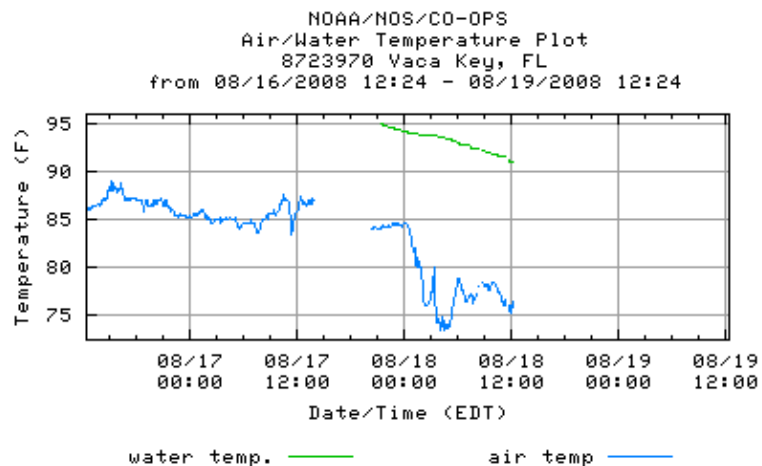


Last Observed Sample: 08/18/2008 12:12 (EDT)

Relative to **MLLW**: **Observed: 1.42 ft. Predicted: 0.93 ft. Residual: 0.49 ft.**

Historical Maximum Water Level: 10/07/1974, 1.42 ft. above **MHHW**

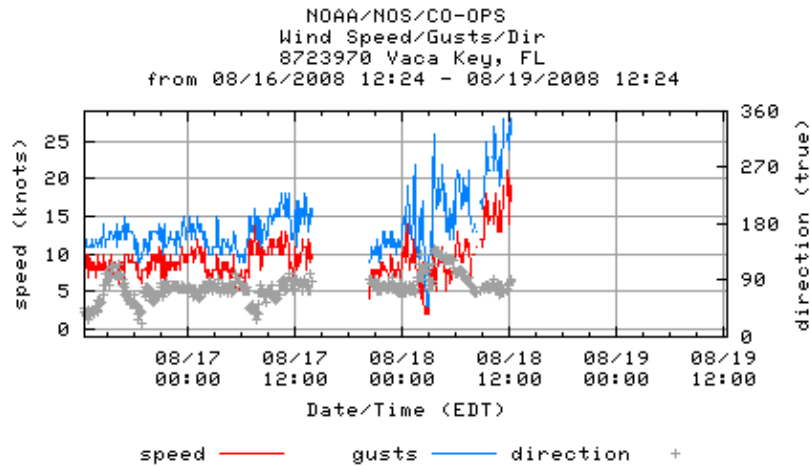
**Vaca Key, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/18/2008 12:12 (EDT)

**Water Temperature: n/a Air Temperature: 76.5° F**

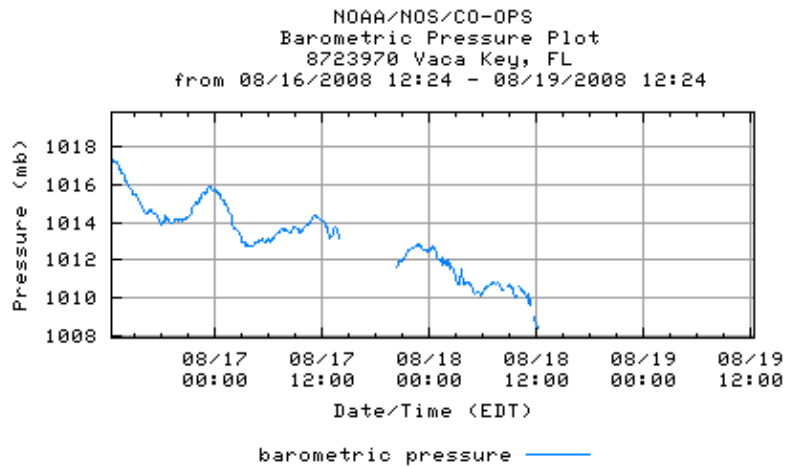
**Vaca Key, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/18/2008 12:12 (EDT)

Wind Speed: 17 knots Gusts: 28 knots Direction: 091° T

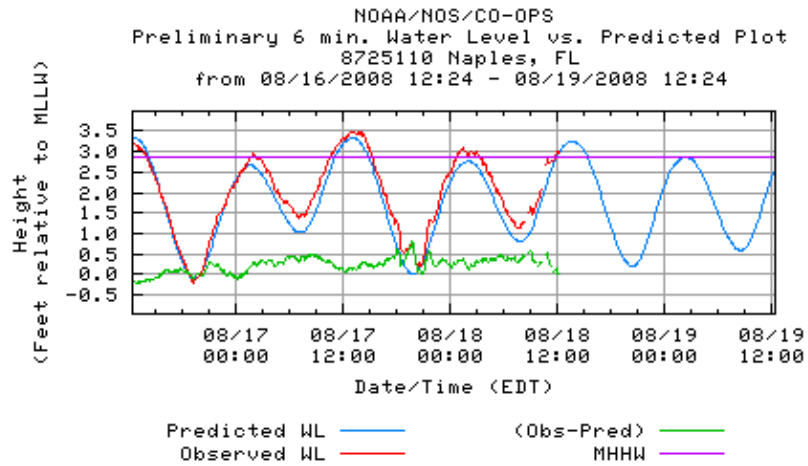
**Vaca Key, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/18/2008 12:06 (EDT)

Barometric Pressure: 1008.4 mb

**Naples, FL - Station Map** [Return to List](#)

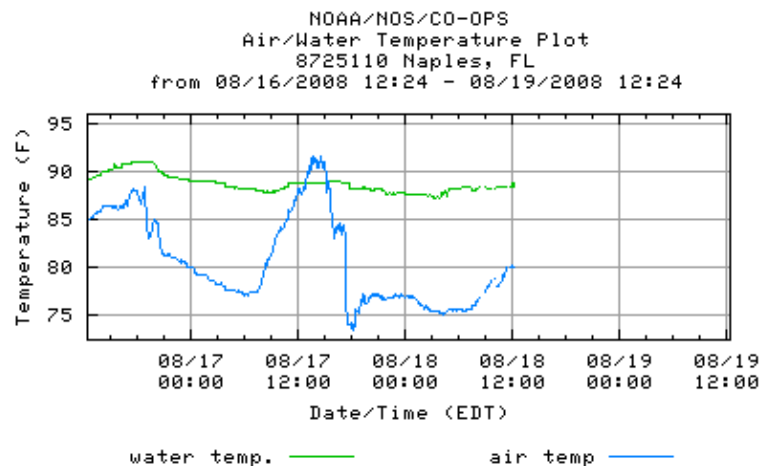


Last Observed Sample: 08/18/2008 12:12 (EDT)

Relative to **MLLW**: **Observed: 3.01 ft. Predicted: 2.98 ft. Residual: 0.03 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

**Naples, FL - Station Map** [Return to List](#)

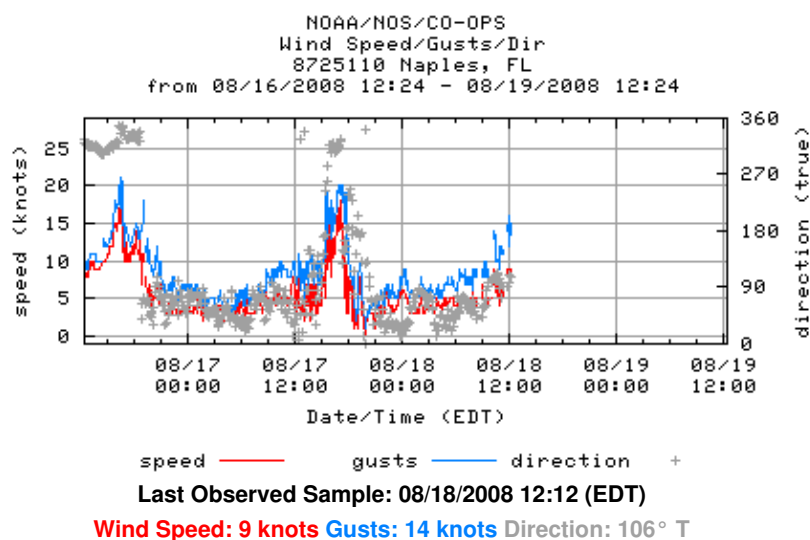


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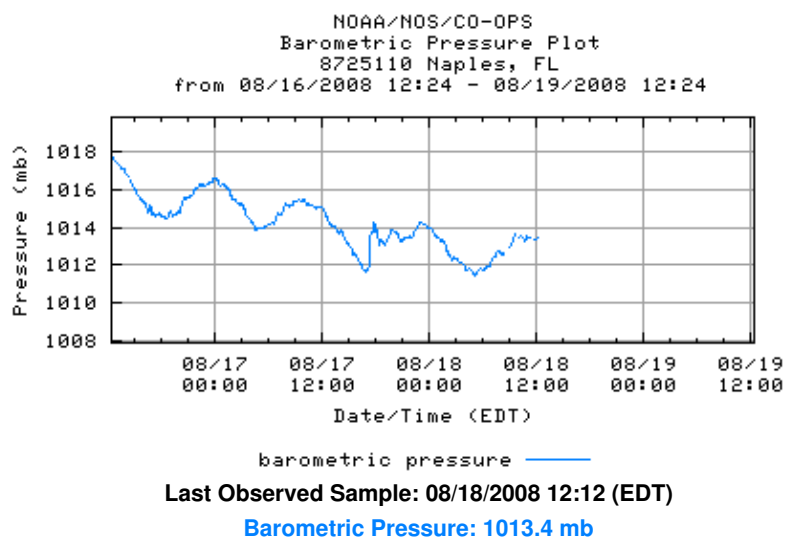
**Water Temperature: 88.7° F Air Temperature: 80.1° F**



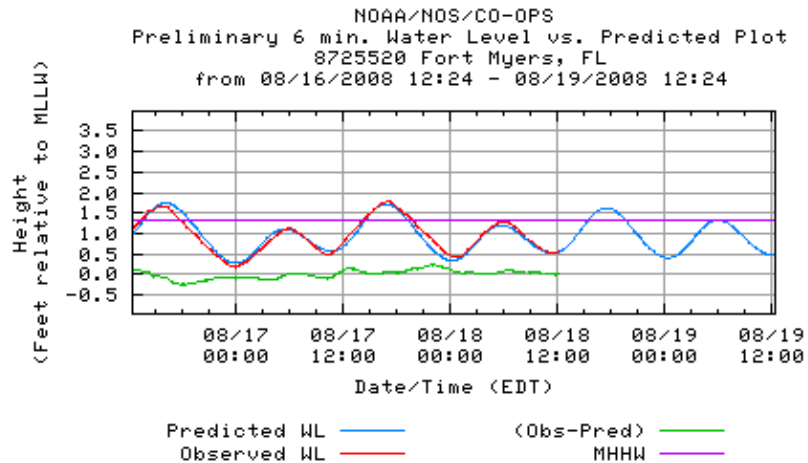
**Naples, FL - Station Map** [Return to List](#)



**Naples, FL - Station Map** [Return to List](#)



**Fort Myers, FL - Station Map** [Return to List](#)

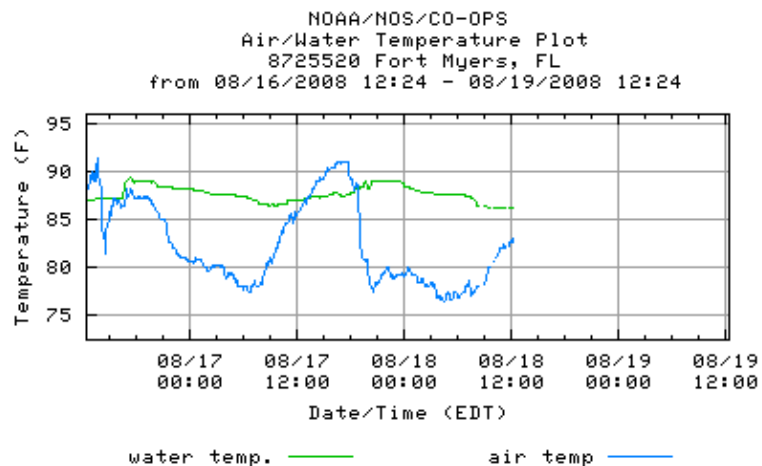


Last Observed Sample: 08/18/2008 12:12 (EDT)

Relative to **MLLW**: **Observed: 0.59 ft. Predicted: 0.56 ft. Residual: 0.03 ft.**

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

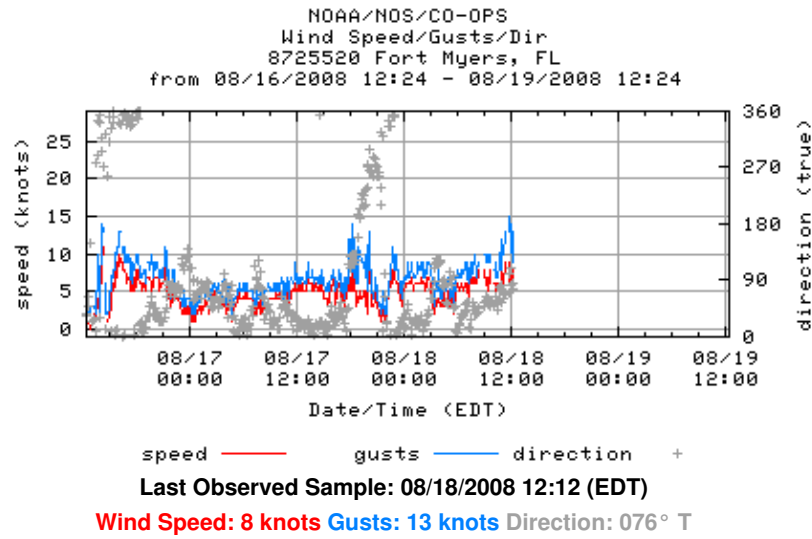
**Fort Myers, FL - Station Map** [Return to List](#)



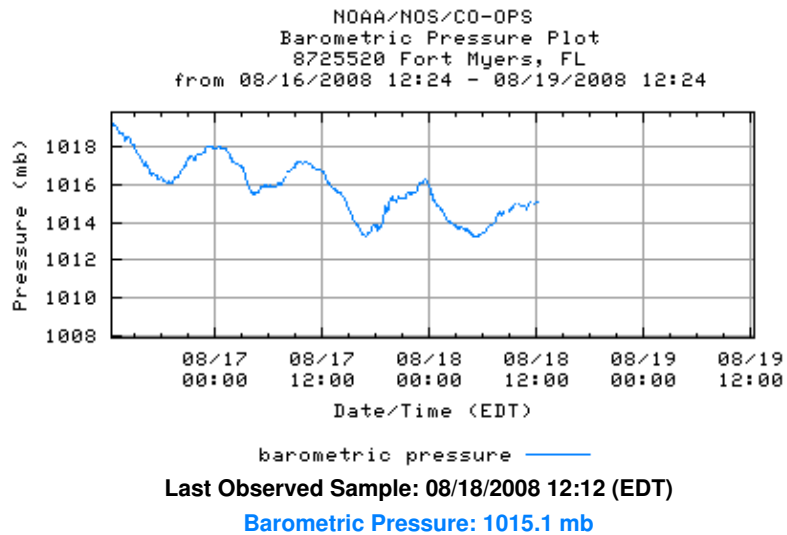
Last Observed Sample: 08/18/2008 12:12 (EDT)

**Water Temperature: 86.2° F Air Temperature: 82.6° F**

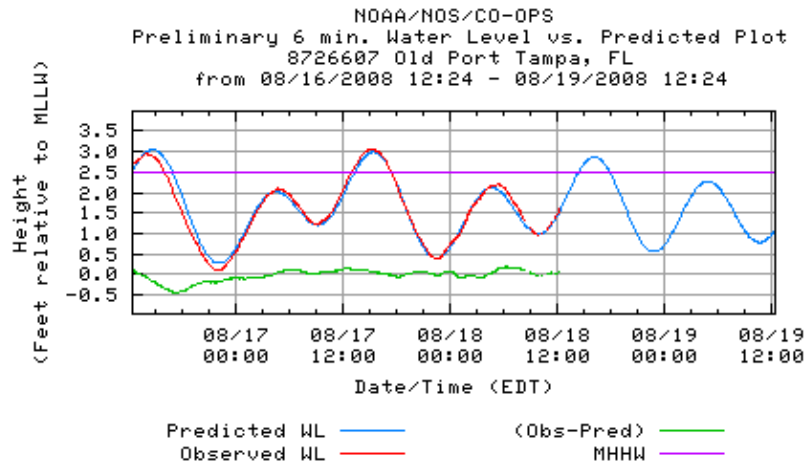
**Fort Myers, FL - Station Map** [Return to List](#)



**Fort Myers, FL - Station Map** [Return to List](#)



**Old Port Tampa, FL - Station Map** [Return to List](#)

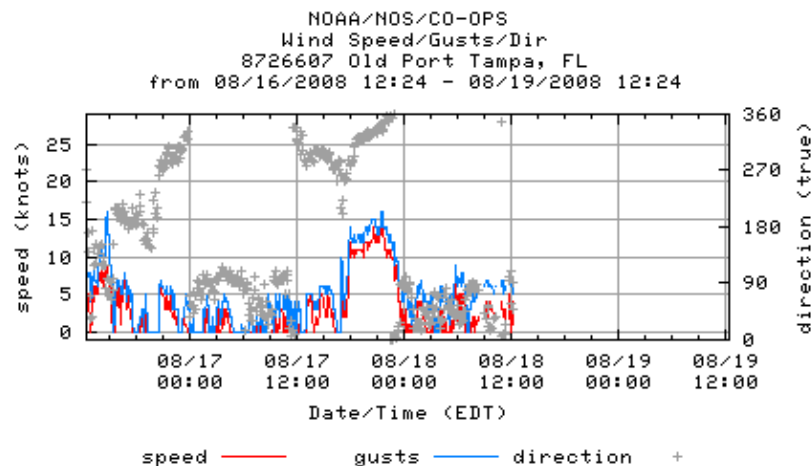


Last Observed Sample: 08/18/2008 12:12 (EDT)

Relative to **MLLW**: **Observed: 1.59 ft. Predicted: 1.53 ft. Residual: 0.06 ft.**

Historical Maximum Water Level: 10/08/1996, 3.56 ft. above **MHHW**

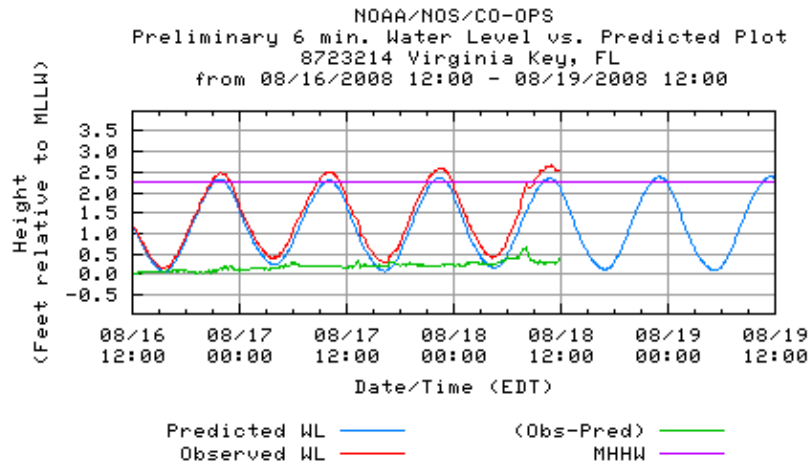
**Old Port Tampa, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/18/2008 12:12 (EDT)

**Wind Speed: 1 knots Gusts: 5 knots Direction: 050° T**

**Virginia Key, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/18/2008 11:48 (EDT)

Relative to **MLLW**: **Observed: 2.54 ft.** **Predicted: 2.16 ft.** **Residual: 0.38 ft.**

**Historical Maximum Water Level: 11/15/1994, 1.9 ft. above MHHW**

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce